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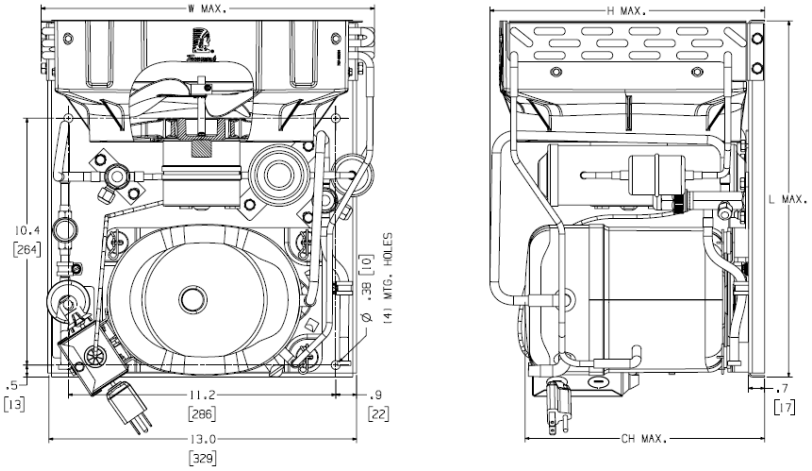
Celseon® Air Cooled Condensing Unit

Model: AKA9430ZNAD*
BoM: 2G302-** **R-404a** **1/3 HP**



Model	Dimensions, inches				Line Connection*		Pumpdown	Air	Oil Ch	Gr. Wt.
	L	W	H	CH	Suction	Liquid	90 °F 90%	SCFM	Oz.	Lbs.
AKA9430ZNADA	15.0	14.0	11.2	10.1	3/8" S	1/4" S	N/A	185	17	52
AKA9430ZNADG					3/8" S	3/8" S	2.2 lbs			54
AKA9430ZNADH					3/8" S	3/8" S	N/A			52
AKA9430ZNADK					3/8" S	1/4" S				52
AKA9430ZNADC					3/8" S	3/8" S	2.2 lbs			54
AKA9430ZNADS					3/8" S	3/8" S	N/A			52
AKA9430ZNADJ					3/8" S	3/8" S	2.2 lbs			54
AKA9430ZNADP					3/8" S	3/8" S	2.2 lbs			54

* F = Flare, S = Solder, RF or RS = Rotolock with Flare or Solder Connections, C = Compression Fitting
Factory charge: 20 PSIG Nitrogen – **MUST BE EVACUATED**

		Ambient Temperatures											
Evaporator T,		80°F			90°F			100°F			110°F		
°F	PSIG	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T	BTUH	Watts	Cond T
0	33.4	2329	510	100	1967	511	108	1595	479	115	1183	438	122
10	43.9	2882	577	105	2505	585	113	2092	570	121	1724	548	128
15	49.8	3199	612	108	2792	624	116	2370	615	123	1992	601	131
20	56.1	3541	650	111	3091	665	119	2668	661	126	2260	653	134
25	62.9	3910	689	114	3401	707	122	2985	707	129	2527	703	137
30	70.2	4305	729	117	3724	750	125	3322	753	132	2793	752	139
35	77.9	4727	771	121	4058	794	128	3678	800	135	3058	799	142
40	87.0	5175	815	124	4404	840	131	4055	847	138	3322	845	145
45	95.1	5649	860	128	4762	887	134	4451	894	141	3584	890	148
50	106.2	6150	907	131	5131	935	138	4866	941	144	3846	933	151

60 Hz Performance
Return gas temp. 40°F, 5°F sub cooling

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Specifications/ Parts:

Unit Model	**AKA9430ZNADA**
Unit Bill of Material	**2G302-09**
Refrigeration Range	-10° F to +45° F
Design Pressure Low	181
Design Pressure High	450
Nominal Volts-Hz-Ph	208/230-60-1
Voltage Range	187 to 254
Min. Circuit Ampacity	5.0
Max. Fuse Size (amps)	15
Compressor Model	AKA9427ZXD
Comp. Bill of Material	AK174ET-037-P2
Compressor RLA/LRA	3.8/23
Overload	External
Relay	82484-1
Run Capacitor	N/A
Run Capacitor Rating	N/A
Start Capacitor	85PS330D12
Start Capacitor Rating	72-88 MFD 330V VDE
Fan Motor	810-10000
Fan Motor RLA	.29
Fan Blade	515-10002
Fan Shroud/Guard Combo	707-00004
Condenser	506-10004
Unit Drawing	DGU1970-03
Wiring Diagram	91266-01
Replacement Kit: Relay	K71-32
Replacement kit: O/L	K90-09

Unit Model	**AKA9430ZNADG**
Unit Bill of Material	**2G302-19**
Receiver Tank	510-10000
Liquid Valve	56630
Suction Valve	56630
Unit Model	**AKA9430ZNADH**
Unit Bill of Material	**2G302-29**
Liquid Valve	56630
Suction Valve	56630
Unit Model	**AKA9430ZNADK**
Unit Bill of Material	**2G302-39**
Power Cord	85259-5
Unit Model	**AKA9430ZNADC**
Unit Bill of Material	**2G302-59**
Receiver Tank	510-10000
Liquid Valve	56630
Suction Valve	56630
Power Cord	85259-5
Unit Model	**AKA9430ZNADS**
Unit Bill of Material	**2G302-69**
Liquid Valve	56630
Suction Valve	56630
Power Cord	85259-5
Unit Model	**AKA9430ZNADJ**
Unit Bill of Material	**2G302-79**
Receiver Tank	510-10000
Liquid Valve	56630
Suction Valve	56630
Filter Drier	71116
Sight Glass	70084
Unit Model	**AKA9430ZNADP**
Unit Bill of Material	**2G302-89**
Receiver Tank	510-10000
Liquid Valve	56630
Suction Valve	56630
Power Cord	85259-5
Filter Drier	71116
Sight Glass	70084

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